B.B.M.P

BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: Estimate for Supply and erection of street name boards in ward no 13, (Doddabommasandra)

Estimated Cost Rs. 7.00 Lakhs

BRUHAT BENGALURU MAHANAGARA PALIKE

WARD NO. 13, DODDABOMMASANDRA.

DETAILED ESTIMATE

Estimate Cost Rs. 700000.00

Name of Work: Supply and erection of street name boards in ward no 13, (Doddabommasandra).

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. **In all kinds of soils Depth upto 1.5 m (Item No. 1.4.1, Page No. 05, PWD SR 2021-22**								
	Street Sign Boards	Cum	42	0.60	0.60	0.60	9.07		
							9.07	204.60	**1856.00**
	Basic Rate	186.00							
	Area Weightage @ 10%	18.60							
	Total	**204.60**							
2	**Direction and Place Identification Signs with size more than 0.9 m2 size Board:** Providing and erecting direction and place identification retro reflectorised sign as per IRC:67:2012 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or Aluminium composite material sheet with overall thickness of 4mm with area exceeding 0.9 m2 fixed over back support frame of min 40 x 40 x 5mm angle mounted on a mild steel circular pipe 65 NB, firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing Providing and erecting overhead signs with a corrosion resistant 2mm thick aluminium alloy sheet reflectorised with high intensity retro-reflective sheeting as per IRC:67:2012 with vertical and lateral clearance given in clause 802.2 and 802.3 and installed as per clause 802.7 over a designed support system of aluminium alloy or galvanised steel trestles and trusses of sections and type as per structural design requirements and approved plans **(item No. 8.8, Page No. 55, PWD SR 2021-22 Vol - III)**								
		Sqm							
	Name board		42	0.60	0.60		15.12		
	Pole		42	0.28		3.90	45.86		
							60.98	9521.60	**580665.00**
	Basic Rate	8656.00							
	Area Weightage @ 10%	865.60							
	Total	**9521.60**							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Providing and applying two coats of ready mix paint of approved brand on steel surface after thorough cleaning of surface to give an even shade **Page No. 56 / Item No. 8.11, PWD SR 2021-22 Vol - III**	Sqm							
Pole		42	3.40		0.40	57.12		
Board Front and Back Side		42x2	0.60		0.45	22.68		
		42x2	0.60		0.15	7.56		
						87.36	93.50	**8168.00**
Basic Rate	85.00							
Area Weightage @ 10%	8.50							
Total	**93.50**							
Lettering with black Japan paint of approved brand and manufacture to give an even shade including preparing the surface after thoroughly cleaning the surface to remove all dirt, dust and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge **Page No. 49 / Item No. 8.49, PWD SR 2021-22 Vol - II**	cm							
Board Letters		15	0.10			1.50		
		20	0.125			2.50		
		25	0.10			2.50		
		30	0.10			3.00		
		25	0.10			2.50		
For One Board						**12.00**	**Cms**	
For 30 Boards		42	12.00					
						504	3.18	**1603.00**
Basic Rate	3.00							
Area Weightage @ 6%	0.18							
Total	**3.18**							
Sub Total								**592292.00**
GST @ 18%								**106613.00**
Miscellaneous charges								**1095.00**
							Total	**700000.00**

Rupees Seven Lakh(s) Only

ERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2021-22.
3 This work included under 2022-23 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 13, Doddabommasandra

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bengaluru

Executive Engineer
Byatarayanapura Division
BBMP, Bengaluru

ADMINISTRATIVE APPROVAL

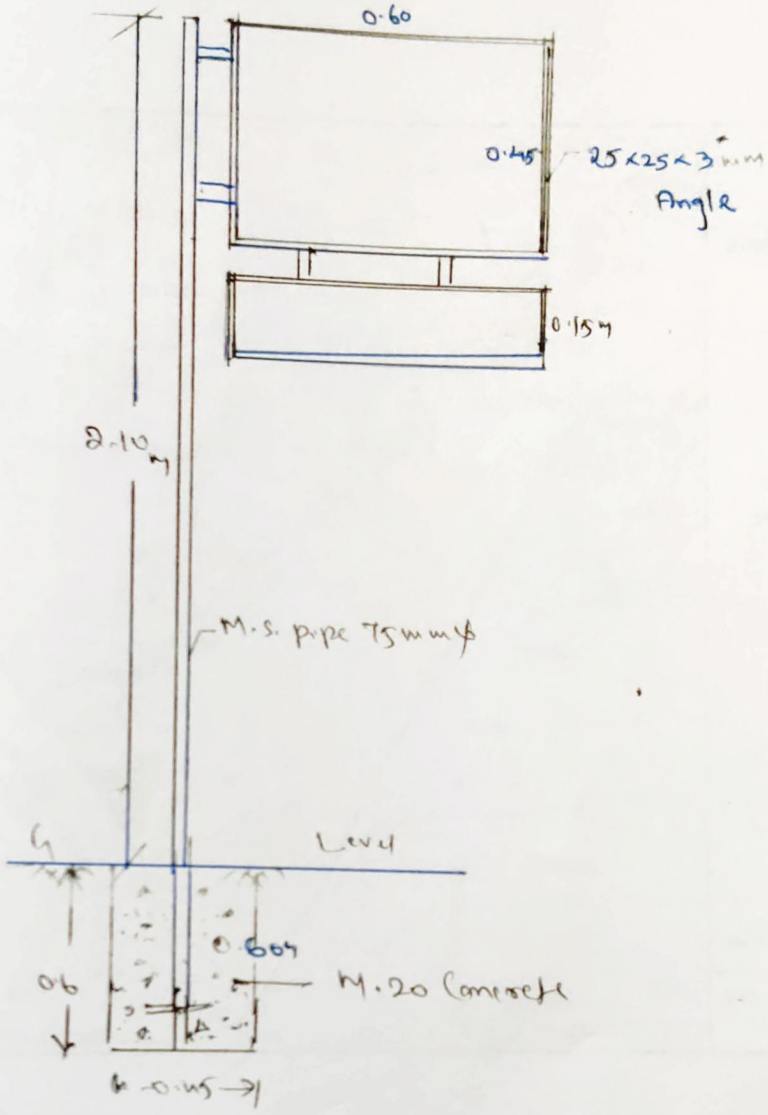
Accorded For Rs. 7.00 Lakhs only
Head of A/c. P3726
Div. Ref No. 24 Date 16/09/22

AE EE(BTP)

TECHNICAL SANCTION

Accorded For Rs. 7.00 Lakhs only
Head of A/c. P3726
Div. Ref. No. 24 Date 16/09/22

AE EE(BTP)



TIPICAL CROSS SECTION STEET SIGN BOARD

Assistant Engineer

Assistant Executive Engineer